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Applicants: T. Shimomura et al. Attorney Docket No.: MEIP127862
Application No.: 10/599,105 Art Unit: 2873 / Confirmation No.: 4197
Filed: September 19, 2006 Examiner: D.J. Collins
Title: PHOTOELECTRIC ENCODER

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U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
_____	U1	3,454,777	A	07/08/1969	Marcus
_____	U2	4,051,367	A	09/27/1977	Sayce, deceased, et al.
_____	U3	4,799,798	A	01/24/1989	Erb
_____	U4	4,948,968	A	08/14/1990	Matsui
_____	U5	4,974,962	A	12/04/1990	Stephens et al.
_____	U6	5,075,562		12/24/1991	Greivenkamp, Jr. et al.
_____	U7	5,539,519	A	07/23/1996	Takagi et al.
_____	U8	5,576,537	A	11/19/1996	Holzappel
_____	U9	5,751,492	A	05/12/1998	Meyers
_____	U10	6,617,572	B2	09/09/2003	Ishizuka
_____	U11	6,635,863	B1	10/21/2003	Nihommori et al.
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_____	U13	2004/0173737	A1	09/09/2004	Shimomura et al.

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided
_____	F1	DE 1 523 231 (corresponding to O2)		05/22/1969	DE		

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*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided
_____	F2	JP 59-134006 (relevance provided in Int'l Search Report filed with 3rd Supp. IDS on 7/25/06 in 10/804,636)		09/07/1984	JP		
_____	F3	JP-B-60-23282 (corresponding to U2 above)	B2	06/06/1985	JP		
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_____	F7	JP 2002-231604	A	08/16/2002	JP	X	
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OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
_____	O1	Berger, C., "Design of Telecentric Imaging Systems for Noncontact Velocity Sensors," <i>Optical Engineering</i> 4(10):2599-2606, October 2002.
_____	O2	Chinese Office Action (English Translation) issued in Chinese Patent Application No. 2004-10045139.4, 4 pages.

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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